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With the Medical Officer of Health's Compliments.

Newport Port Sanitary Authority.

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# Annual Report

FOR THE YEAR 1922.

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BY

THE MEDICAL OFFICER OF HEALTH,  
J. HOWARD JONES, M.D., D.Sc., C.M.



Newport, Mon.  
Mullock & Sons, Ltd., Printers, etc.



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**COUNTY BOROUGH OF NEWPORT.**

—O : O—

**Health and Port Sanitary Committee, 1922-23.**

**Chairman—**

COUNCILLOR WM. EVANS.

**Deputy Chairman—**

ALDERMAN COL. W. CLIFFORD PHILLIPS.

HIS WORSHIP THE MAYOR	COUNCILLOR A. T. W. JAMES
COUNCILLOR J. MCGINN	„ F. QUICK
„ LLOYD DAVIES	„ W. H. B. WILLIAMS
„ H. C. PARFITT	„ MAJ. VINCENT
„ T. G. LEWIS	„ J. S. JOHNSON
„ P. WRIGHT	„ T. CROWTHER
„ W. A. LINTON	„ H. UZZELL
„ D. J. EVANS	„ G. BOOTS
and COUNCILLOR THOMAS.	

**Clerk to Port Sanitary Authority—**

O. TREHARNE MORGAN.

**Medical Officer of Health—**

J. HOWARD JONES, M.D., D.SC., C.M.

**Port Sanitary Inspector—**

W. JENKINS, Cert. Royal Sanitary Institute.

**Assistant Inspector—**

CHARLES WEAVER.

**Rat Catcher—**

C. POWELL.

**Caretaker of Port Sanitary Hospital at Cefn—**

A. E. WALKER.

# Newport Port Sanitary Authority.



HEALTH DEPARTMENT,

TOWN HALL,

*March, 1923.*

TO THE CHAIRMAN AND MEMBERS OF THE NEWPORT PORT SANITARY  
COMMITTEE.

GENTLEMEN,

I beg to submit my Report for the year 1922. It is made in accordance with the Regulations of the Ministry of Health which are prescribed within the duties of the Medical Officer of Health.

The Port was permanently constituted a Port Sanitary District by the Local Government Board, May 9th, 1883.

## I.—Constitution of Port Sanitary Authority :—

“ The Port Sanitary Authority is the Mayor, Aldermen, and Burgesses of the Borough of Newport, acting by the Council. It discharges Port functions in waters abutting upon the Magor and St. Mellons Rural Sanitary Districts in addition to the Newport Urban Sanitary District.”

## II.—Limits of Jurisdiction :—

“ The whole of the Port of Newport (Order May 9th, 1883). By the Treasury Warrant, dated December 20th, 1847, the limits of the Port of Newport are defined as commencing at Redwick Pill, in the County of Monmouth, being the Western extremity of the Port of Chepstow, and continues along the coast of the said County to the River Rumney, and Seaward to the middle of the Severn.”

### III.—Riparian Districts included (wholly or in part) in the Port Sanitary District :—

County Borough of Newport.

Magor Council District. Parishes—Nash, Goldcliffe and Redwick.

St. Mellons Council District. Parishes—St. Brides, Peterstone, Rumney.

### IV.—Apportionment of Expenses :—

The Urban Sanitary Authority contributes according to the rateable value of its district, and the Rural Sanitary Authorities contribute according to the rateable value of their riparian parishes.

The proportions contributed by the various Riparian Authorities towards expenses incurred by the Port Sanitary Authority are as follows :

County Borough of Newport	...	92.5 per cent.
Magor Rural District Council	...	2.2 per cent.
St. Mellons District Council	...	5.2 per cent.

TABLE I.

Showing trade of Port for decennial periods extending over 51 years. Figures kindly supplied to me by the Secretary of the Newport Chamber of Commerce and H.M. Customs.

FOREIGN.			COASTWISE.		
Year	Tons Entered	Tons Cleared	Year	Tons Entered	Tons Cleared
1871 ...	156,441 ...	412,043	1876 ...	287,816 ...	483,476
1881 ...	635,777 ...	892,169	1886 ...	258,285 ...	742,818
1891 ...	736,145 ...	1,101,318	1896 ...	1,384,049 ...	797,223
1901 ...	971,953 ...	1,517,118	1901 ...	1,195,797 ...	660,380
1911 ...	1,739,898 ...	2,349,408	1911 ...	1,363,600 ...	822,315
1912 ...	1,942,748 ...	2,385,688	1912 ...	1,280,220 ...	853,611
1913 ...	2,137,420 ...	2,672,080	1913 ...	1,491,674 ...	998,963
1914 ...	1,900,005 ...	2,370,599	1914 ...	1,353,130 ...	887,931
1915 ...	1,795,095 ...	2,144,557	1915 ...	1,300,092 ...	694,758
1916 ...	2,095,388 ...	1,886,417	1916 ...	929,383 ...	601,248
1917 ...	1,070,530 ...	1,082,234	1917 ...	883,927 ...	442,009
1918 ...	1,413,647 ...	1,019,189	1918 ...	1,017,797 ...	398,713
1919 ...	1,536,007 ...	2,257,557	1919 ...	1,219,299 ...	587,003
1920 ...	1,404,984 ...	2,195,001	1920 ...	1,549,863 ...	967,098
1921 ...	1,126,194 ...	1,506,358	1921 ...	862,467 ...	521,089
1922 ...	2,130,653 ...	2,736,713	1922 ...	1,363,933 ...	840,306

The total number of vessels that entered the Port during 1922 was 6,005; Coastwise, 4,261 (Steam, 5381, Sailing, 688). Foreign, 1,744 (Steam, 1,736; Sailing, 8). Their tonnage amounted to 3,494,586, compared with 3,773 vessels and a tonnage of 1,988,661 during 1921.

The figures shewing the total volume of the trade of Newport since the year 1916 are not available, but for the previous years they were as follows :—

Year.	Imports in Tons (Coastwise and Foreign).		Exports in Tons (Including Bunkers).		Total.	
†1898	...	723,878	...	2,681,125	...	3,585,003
1899	...	1,211,864	...	4,663,953	...	5,875,817
1900	...	1,020,942	...	4,273,656	...	5,294,598
1901	...	870,868	...	4,124,585	...	4,995,453
1902	...	998,221	...	4,361,206	...	5,359,427
1903	...	1,165,169	...	4,756,844	...	5,922,013
1904	...	1,263,243	...	5,067,384	...	6,330,627
1905	...	1,361,621	...	4,865,484	...	6,227,105
1906	...	1,425,220	...	5,452,648	...	6,877,868
1907	...	1,396,191	...	5,620,756	...	7,016,947
1908	...	1,527,940	...	5,834,878	...	7,362,818
1909	...	1,290,878	...	5,740,878	...	7,031,756
1910	...	1,372,580	...	5,725,612	...	7,098,192
1911	...	1,326,429	...	6,105,869	...	7,432,298
†1912	...	1,526,198	...	5,248,219	...	6,774,417
1913	...	1,867,752	...	5,862,140	...	7,729,892
1914	...	1,210,985	...	5,180,128	...	6,391,113
1915	...	1,049,764	...	4,877,390	...	5,927,154
1916	...	917,746	...	4,810,743	...	5,728,489

(†Years of strikes in coal trade).

In the absence of figures showing the total volume of trade the following "value" figures relating to Foreign Trade only—kindly supplied by H.M. Customs—are of interest :—

		Imports.			General Exports Excluding Coal			Coal Exports in Tons			Coal Bunkers in Tons.
		£			£						
1917	...	2,568,162	...	3,353,520	...	3,346,211	...	544,755			
1918	...	6,080,010	...	2,343,916	...	3,124,257	...	432,583			
1919	...	2,444,331	...	3,214,480	...	3,654,802	...	609,726			
1920	...	4,348,041	...	5,269,457	...	2,678,650	...	560,834			
1921	...	2,889,297	...	3,155,229	...	1,981,487	...	437,145			
1922		Figures not yet available.									



## TRADE OF THE PORT.

**Exports.**—Coal, Coke and Patent Fuel, Steel Rails, Sleepers, Chairs and Tie-rods, Locomotives and Railway Carriages, Corrugated and Black Sheets, Tin and Blockplates, Machinery and Structural Ironwork, Copper Bars, and Dry Goods in cases.

**Foreign Imports.**—Machinery, Steel and Iron Bars and Billets, Pig-iron, Glass and China Ware, Toys and Matches, Iron Ore, Manganese Ore, Phosphate and Cement, Wool, Wine and Spirits, Potatoes and Onions, Grain, General Merchandise.

Most of the ports which trade with Newport will be found in Tables II. to IV.

## GENERAL INSPECTION.

Inspector Jenkins and Assistant Inspector Weaver made 2,610 routine inspections of vessels during 1922 ; in addition 497 re-visits were made to see that notices had been complied with, to vessels with sickness on board, and to those arriving indirectly from ports infected with cholera, yellow fever, plague, or small pox.

1,448 of the vessels which entered from foreign ports were inspected, of these 247 or 17 per cent. were found to have sanitary defects on board (sailing vessels, 12.5 per cent. and steamships, 17 per cent.).

1,162 of the " coastwise vessels " were inspected, 71 of these or 6.1 per cent. were insanitary in some respects (sailing ships, 1.3 per cent. steamships, 6.8 per cent.).

The average percentage found insanitary, according to the present standard of the Board of Trade, was 12.2 per cent., compared with 11 per cent. in 1921, 10.7 in 1920, 13.97 in 1919, and 16.1 during the 10 years immediately preceding the War.

Arranged according to nationality, the percentage found to be insanitary were as follows :—

Vessels Inspected	Nationality	Insanitary	Vessels Inspected	Nationality	Insanitary
40	Danish	.0 per cent.	66	Italian	15.1 per cent.
6	Brazilian	.0 per cent.	12	Jugoslav	16.6 per cent.
34	Belgian	.6 per cent.	6	Portuguese	16.6 per cent.
55	Dutch	7.2 per cent.	19	German	21.0 per cent.
206	Norwegian	7.7 per cent.	117	Spanish	24.7 per cent.
<b>1678</b>	<b>British</b>	<b>10.6</b> per cent.	15	American	26.6 per cent.
35	Swedish	11.4 per cent.	39	Greek	28.2 per cent.
265	French	11.7 per cent.			

1 Chinese, 2 Danzig, 4 Japanese, 1 Latvian, 1 Polish, and 2 Roumanian vessels inspected were free from defects ; whilst 2 of the 3 Peruvian 1 of the 2 Uruguayan vessels inspected had sanitary defects on board.



## HYGIENE OF CREWS' QUARTERS.

Reference has been made for many years in my Annual Reports to the fact that the Board of Trade Regulations controlling the hygiene of crews' spaces have not been revised for many years, in spite of the fact that much greater attention has been devoted to the subject by other maritime nations.

These regulations are not enforced in reference to the lighting of crews' quarters in a large percentage of cases, consequently the living rooms on vessels are often very dark, and artificial light has to be used even on the brightest of days.

The use of white paint throughout crews' quarters improves the lighting very considerably, and makes them brighter and more cheerful in appearance. Your officials lose no opportunity of advocating the substitution of white paint for the dull colours used on many vessels.

The efficiency of British built ships from the maritime and commercial points of view cannot be questioned, and they will bear comparison presumably with those of any nation ; but the designing of the living quarters would appear to be in many cases an afterthought, and the spaces available are often not used to the best advantage.

Old traditions are maintained in spite of the advances made in the science of hygiene generally.

It is very humiliating and disappointing from a national point of view to see so frequently such inferior crews' quarters on British as compared with many Foreign owned vessels of the same date of construction ; much greater consideration is paid to the comfort and sanitary requirements of the crews on the latter, generally speaking. The Government is not free from blame in this matter, they have during recent years lost excellent opportunities of bringing about much needed improvements on a large number of new vessels ; and of improving the accommodation on old vessels during survey, during the period when money was plentiful and shipping was very profitable.

The disposal of boiler and food refuse on vessels when in port is a matter which requires consideration. The dumping of refuse of any kind into the docks is rightly prohibited. On request, trucks are provided for the removal of clinkers, etc. from vessels at the quays and tips, but this only applies to a few vessels. The control of such matters is in the hands of the Dock Company (now the G.W.R. Co.). Some food refuse is collected by men who keep pigs, but there is no systematic

collection, consequently decomposing food refuse accumulates on deck for some time on many vessels as some Engineers object to burn it in the ships boilers.

This is a wasteful method of disposing of valuable pigs food, which I am confident could be economically dealt with by a systematic collection and subsequent use as pigs food.

## CHOLERA, YELLOW FEVER, PLAGUE AND SMALL POX REGULATIONS.

102 vessels arriving from " Infected Ports " under the above Regulations were inspected on arrival. No " Infected " or " Suspected " vessels arrived during 1922. (*See Table II., pages 13-16*).

With the exception of 7 vessels which arrived from Port Said, which is at times infected with plague, all the vessels from cholera and plague infected ports arrived indirectly via other British or continental ports.

The direct arrivals from ports infected with smallpox were as follows : from Lisbon 8, Algiers 4, Middlesborough 3, Alexandria 1, and Oran 1.

The arrangements for dealing with vessels arriving from infected ports under the Cholera etc. Regulations were given in detail in my report for 1921, and therefore do not require special mention. The application of the Newport Port Sanitary Authority for revision of the old arrangements referred to in that Report has not yet been sanctioned by the Ministry of Health.

Particulars were also given in the 1921 Report of the Hospitals available for dealing with sickness in the port.

## DISEASES & ACCIDENTS ON VESSELS ARRIVING AT NEWPORT, 1922.

1.—During the voyage :—

Accidents, 17, " Observation " cases, 8, Heart Disease, 2, Malaria, 54, Influenza, 6, Diarrhoea, 7, General Debility, 1, Foot Poisoning, 1, Venereal Diseases, 10, Respiratory Diseases, 3, Appendicitis, 3, Hepatitis, 1, Hernia, 2, Septic Poisoning, 2, Hæmorrhoids, 1, Spinal Disease, 1, Mental Diseases, 2, Result of Exposure, 1, Dysentery, 1, Rheumatism, 2, Gastritis, 3, Suicides, 2, Drowning, 3, Burns, 1, " Operation," 2, Colds 1, Other Diseases, 2. Total, 139. 9 Deaths occurred on vessels bound for Newport.

2.—After arrival at Newport :—

Gastritis, 2, Injuries, 20, Feverish colds, 34, Tonsillitis, 5, Influenza, 25, Pneumonia, 1, Blood Poisoning, 1, Bronchitis, 2, Pleurisy, 2, Asthma, 3, Other Respiratory Diseases, 1, Rheumatism, 5, Dysentery, 2, General Debility, 2, Abscesses, 5, Eczema, 2, Syphilis, 3, Venereal Disease, 9, Malaria, 2, Hernia, 2, Mental Disease, 1, Scalds, 1, "Colic," 8, Constipation, 1, Appendicitis, 1. Total, 139.

The following cases of Infectious Diseases occurred on vessels visiting the port during their voyage or after arrival :—Typhoid Fever, 1, Measles, 1, Phthisis, 2, Chicken pox, 1, and Scarlet Fever, 1.

19 cases of sickness, etc., were removed to Hospitals at Newport, viz :—Allt-yr-yn Hospital, 1, Cefn Hospital, 1, Royal Gwent Hospital 11, and Woolston House, 6.

## VENEREAL DISEASES.

Dr. Ingram, the Medical Officer in charge of the Venereal Diseases Clinic, has supplied me with the following particulars *re* the treatment of seamen :—

New patients :—British subjects (white) 77 ; coloured, 8. Total, 85.

Foreigners, 52, comprising 24 Scandinavians, 7 Greeks, 7 Spaniards, 5 Russians, 2 Frenchmen, 3 Italians, 1 Belgian and 3 Americans.

27 of the above cases brought book V. 15, having had previous examination or treatment at other clinics. All such patients are given book V. 15, which is filled up each time treatment is given.

Further particulars are given for the last quarter of the year, viz.—New cases Syphilis, 17, Soft Chancre, 6, Non-Venereal, 1, Gonorrhœa, 20, total, 44.

Three of the Syphilis cases had had previous treatment, their blood was negative, and no further treatment was then given.

Attendances :—Syphilis and Soft Chancre, 58, Gonorrhœa, 74, total, 132. 1 case of Syphilis, and 1 of Gonorrhœa was discharged cured.

13 cases of Syphilis were treated with Salvarsan substitute with a total of 23 injections.

" There appears to be an increase in the use of book V. 15, and many seamen, particularly British, are now getting treatment from port to port, ultimately being actually cured of their disease."

I have made enquiries from Medical Officers of South Wales Clinics, and some of them informed me that it is evidently not the practice in some clinics to supply these treatment cards, as many sailors attend without having had cards given to them. Treatment under such conditions is necessarily unsatisfactory. The average attendances made by seamen in South Wales ports is only four per patient.

## TREATMENT OF VENEREAL DISEASES ABROAD.

In this country free treatment is given to sailors of all nationalities who care to attend our clinics, and circulars printed in foreign languages giving particulars of the facilities for treatment provided are left on board foreign vessels arriving at Newport. Such information is also posted up at the urinals around the Docks, etc. With the exception of Holland and America, which provide certain facilities, foreign countries do not provide any such treatment for British seamen.

## MERCHANT SHIPPING ACT, 1906, AND VENEREAL DISEASES.

Formerly Friendly Societies disallowed free medical treatment and benefits to men suffering from Venereal Diseases. The Insurance Act removed those disabilities as it was recognised that the non-treatment of such cases was a serious cause of disability and disease, and was therefore a danger to the national health.

Since then we have advanced very considerably, for now we provide preferential treatment for those suffering from Venereal Diseases, but the seaman is still penalised under the Merchant Shipping Act, 1906, clause 34, for a sailor who suffers from Venereal Disease is debarred free treatment, except that which is provided at British ports.

## DERATISATION.

104 vessels were specially inspected for the presence of rats. On four vessels only were any found, after thorough search, trapping and baiting. 88 certificates were issued to masters of vessels proceeding to Spanish ports, certifying the absence of rats on the vessels. Three vessels were fumigated throughout at Messrs. C. H. Bailey's under the supervision of the Medical Officer of Health. These vessels were proceeding to U.S.A. ports.



Two vessels were fumigated after cases of Infectious Diseases.

The amount received for deratisation of vessels amounted to £3 8s, 8d., and £92 8s. od. was received for certificates issued by the Medical Officer of Health to masters of vessels bound for Spanish ports.

The ratcatcher employed by the Port Sanitary Authority has in addition paid special attention to the neighbourhood of the docks, wharves, river banks, and warehouses, and refuse tips near the docks for the purpose of reducing the rat population. There has been a very marked reduction in the number of rats in the port.

74,200 baits were laid; traps and rat lime, dogs and ferrets were also utilised for this purpose. 4,477 dead rats were found as a result of these efforts.

**No. of Baits laid and dead rats recovered during  
each month of the year.**

**RAT DESTRUCTION.**

		No. of baits laid	No. of Dead Rats discovered			Kind and Sex			
			On vessels	Ashore	Total	M	Brown F	M	Black F
Jan.	...	6520	I	307	308	75	233	—	—
Feb.	...	6400	10	378	388	108	276	I	3
March	...	6600	35	311	346	91	219	11	25
April	...	4900	—	371	371	103	267	—	I
May	...	7100	—	370	370	99	270	I	—
June	...	4700	—	267	267	71	196	—	—
July	...	5800	—	365	365	109	256	—	—
August	...	7000	6	449	455	146	302	3	4
Sept.	...	6200	—	372	372	102	270	—	—
October	...	8000	—	463	463	141	322	—	—
Nov.	...	6400	—	424	424	138	286	—	—
Dec.	...	4600	—	348	348	92	256	—	—
		—	—	—	—	—	—	—	—
		74200	52	4425	4477	1275	3153	16	33
		—	—	—	—	—	—	—	—

## METHODS USED TO DESTROY RATS, AND RESULTS.

	No. of baits laid	By Strychnine bait, etc.				Trapped				Ferrets				Total destroyed (bodies discovered).			
		Brown		Black		Brown		Black		Brown		Black		Brown		Black	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1st Quarter	19,500	229	586	11	23	1	7	1	5	44	135	—	—	274	728	12	28
2nd „	16,700	255	674	—	—	—	2	1	1	18	57	—	—	273	733	1	1
3rd „	19,000	345	794	2	3	7	21	1	1	5	13	—	—	357	828	3	4
4th „	19,000	356	812	—	—	8	30	—	—	7	22	—	—	371	764	—	—
Total ...	74,200	1185	2866	13	26	16	60	3	7	74	227	—	—	1275	3153	16	33

I wish again to thank the Collector of Customs and his "Preventive" Staff, and the Clerk of the Pilotage Board for affording prompt and valuable assistance at all times in carrying out the Regulations, and to Inspector Jenkins and his Assistant, for their conscientious attention to their duties.

I have the honour to be,

Your obedient Servant,

J. HOWARD JONES,

*Medical Officer of Health.*



TABLE II.

Vessels inspected under the Cholera, Yellow Fever and Plague Regulations, 1907, of the Local Government Board.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
Jan. 5th	Exmouth	British	Colombo via Marseilles and Antwerp	Alex. Dks.	All well, see Table IIIa.
5th	City of Dunedin	British	Colombo via Alexandria and Hamburg	Channel Dry Dks.	All well, see Table IIIa.
5th	Cordelia	British	Suez via London	Do.	All well, see Table IIIa.
9th	Clan Kenneth	British	Bombay via Havre, London and Liverpool	Alex. Dks.	All well, see Table IIIa.
9th	Wimborne	British	Alexandria	South Lock	All well
10th	Clan Macmaster	British	Alexandria via London and Liverpool	Alex. Dks.	Do.
11th	Clan Chisholm	British	Colombo via London	Do.	Do.
14th	Thorsdal	Norweg.	Alexandria via Bristol	Do.	Do.
23rd	Explorer	British	Calcutta via London and Liverpool	Do.	see Table III. All well
23rd	Elysia	British	Bombay via Liverpool and Glasgow	Do.	see Table III. All well
Feb. 2nd	W. J. Radcliffe	British	Port Said	Do.	Do.
7th	Clan MacKenzie	British	Manilla via Singapore, Colombo, Marseilles and Hamburg	Do.	Do.
13th	Clan Urquhart	British	Colombo via London, Rotterdam and Cardiff	Do.	see Tables III. & IIIa. All well, see Table III.
14th	Brynton	British	Mauritius via Port Said and Liverpool	Baileys Dry Dock	All well, see Table IIIa.
17th	Ville de Strasbourg	French	Suez via Marseilles	Tredegar Dry Docks	All well
22nd	Clan Macindoe	British	Port Said via Hull and London	Alex. Dks.	Do.
23rd	Clan Macbrayne	British	Indian Coast via London and Antwerp	Do.	Do.
March 1st	Kronstad	Norweg.	Rosario via Lisbon	Do.	Do.
7th	Melford Hall	British	Indian Coast via London and Rotterdam	Do.	see Table III. All well
13th	Chatham	British	Port Said via London	Do.	see Tables III. & IIIa. All well
21st	City of Brisbane	British	Calcutta via London and Dunkirque	Do.	Do.
27th	Mortlake	British	Port Said via Immingham and Southampton	Do.	see Table IIIa. All well, see Table IIIa.

TABLE II.—continued.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
March 28th	Picton	British	Port Said	Alex. Dks.	All well
April 5th	Saint Tropez	French	Huelva via Antwerp	Do.	Do.
7th	Lydia	Ptguese	Lisbon	Do.	Do.
12th	Knowsley Hall	British	Karrachi via Marseilles and Liverpool	Do.	Do. see Table III.
24th	City of Florence	British	Calcutta via Marseilles, London and Dunkirque	Do.	All well
24th	Maritime	British	Bombay via Hamburg and Aberdeen	Tredegar Dry Dks.	Do. see Table IIIa.
25th	Clan Ogilvy	British	Indian Coast via Algiers London and Rotterdam	Alex. Dks.	All well
27th	Iturri Patxo	Spanish	Huelva via Port Talbot	E.V. Whf.	Do.
28th	Wimborne	British	Port Said	Alex. Dks.	Do.
May 3rd	La Fontaine	French	Algiers via Oran, Lisbon and Nantes	Do.	Do.
4th	Gothic	British	Algiers via Huelva and Rotterdam	M. & Co. Dry Dock	Do.
6th	Ethel Radcliffe	British	Port Said	Alex. Dks.	Do.
8th	Reading	British	Colombo via Algiers and Emden	Tredegar Dry Dks.	Do.
11th	Manchurian	British	Alexandria via Hull	Alex. Dks.	Do.
12th	Clan Stuart	British	Mangalore via Dunkirque and Liverpool	Tredegar Dry Dks.	Do.
12th	Marija Racie	Jugo Slav	Oran	Alex. Dks.	Do.
13th	Surville	French	Bona via Tounge Charente	Do.	Do.
19th	Manordilo	British	Algiers via Hornillo	Do.	Do.
26th	Austrian	British	Bona via Rotterdam	Do.	Do.
26th	Cristina	Spanish	Oran via Algiers	Do.	Do.
June 2nd	Albany	British	Algiers	Do.	Do.
3rd	Oreland	British	Port Said	South Lock	Do.
7th	Clan Mactaggart	British	Port Said via London and Glasgow	Alex. Dks.	Do.
9th	Sabina	Spanish	Algiers	Do.	Do. see Table III.
12th	Thistletoe	British	Port Said via Marseilles	Do.	All well
19th	Guilio Ceasare	Italian	Algiers	Do.	Do.
26th	P.L.M. 15	French	Algiers	Do.	Do.
27th	Ravenrock	British	Alexandria	Do.	Do.
28th	Assismina	Greek	Port Said	Do	Do.
	Embiricos				
30th	Oakfield	British	Algiers via Falmouth	Do.	Do.
July 5th	Iris	Italian	Bombay via Algiers, Hamburg and Havre	Do.	Do.
7th	Clan Murdock	British	Indian Coast via London and Hamburg	Do.	Do.

TABLE II.—continued.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
July 7th	Sureway	British	Bassein via Port Said and Hamburg	Alex. Dks.	All well see Table IIIa.
19th	City of Dunedin	British	Suez via Alexandria, Marseilles & Antwerp	Do.	All well
20th	Melville	British	Middlesbro	Do.	Do. see Table III.
25th	Media	British	Calcutta via Lisbon and Hamburg	Do.	All well see Table IV.
31st	Blythmoor	British	Bombay via Genoa and Dunkirque	Do.	All well
Aug. 1st	Lumina	British	Batoum via Thameshaven	Do.	Do.
8th	Falls City	British	Theodosia via Algiers	Tredegar Dry Dk.	All well, see Table IIIa.
8th	Luiza Verderame	Italian	Lisbon	Alex. Dks.	All well
15th	Ville de Rouen	French	Port Said via Marseilles and Dunkerque	Do.	Do.
17th	Walton Hall	British	Karrachi via Rotterdam, Hamburg and Liverpool	Do.	Do.
18th	Coaxet	American	Singapore via Liverpool	Do.	Do.
22nd	Severn	British	Rio de Janeiro via Liverpool	Do.	Do.
Sept. 4th	Roath	British	Lisbon	Do.	Do.
8th	Irene	American	Odessa via Constancia, Constantinople and Lisbon	Do.	Do. see Table IIIa.
9th	Vindelia	British	Bombay via Marseilles and Liverpool	Do.	All well
11th	Mandu	Brazilian	Rio de Janeiro via Havre and Hamburg	Do.	Do. see Table III. & IIIa.
11th	Willcasino	British	Bombay via Marseilles and Garston	Do.	All well
25th	Wimborne	British	Port Said	Do.	Do.
26th	Clan Macmaster	British	Port Said via Dunkirque, Hull and London	Do.	Do.
26th	Clan MacKinlay	British	Port Said via Dunkirque, Hull and London	Do.	Do. see Table III & IIIa.
27th	Clan Macnaughton	British	Colombo via London, Hull and Antwerp	Do.	All well
28th	Fred Cleeves	British	Huelva via Port Talbot	Do.	Do.
Oct. 28th	Calulu	British	Middlesbro	Do.	Do.
2nd	Dabija	Ptguese	Lisbon	Do.	Do.
2nd	Cordelia	British	Port Said via Barrow	Tredegar Dry Dks.	Do.

TABLE II.—continued.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
Oct. 3rd	Reading	British	Java via Port Said and Liverpool	Alex. Dks.	All well see Table IIIa & IV.
4th	Sabor	British	Rio de Janeiro via Havre and London	Do.	All well, see Table IIIa.
5th	Ville de Arra	French	Port Said via Marseilles & Havre	Do.	All well
6th	Louisiana	Danish	Rio de Janeiro via Santos & Copenhagen	Do.	Do.
6th	Clan Macphee	British	Calcutta via London and Antwerp	Do.	Do. see Table IIIa.
6th	Tunisia	British	Middlesbro	Do.	All well
9th	Phoebe	British	Lisbon	Do.	Do.
27th	Manu	Spanish	Middlesbro	Do.	Do.
Nov. 2nd	Maindy Grange	British	Indian Coast via Liverpool	Do.	Do. see Table IIIa.
4th	Sudbury	British	Lisbon	Do.	All well, see Table III.
4th	Minho	Ptguese	Lisbon	Do.	All well
9th	Clan Macbean	British	Java via Suez and London	Do.	Do. see Table III.
13th	Sunpath	British	Suez via Dunkirque	Baileys' Dry Dk.	All well
20th	Clan Macnair	British	Colombo via Trieste, Marseilles and Rotterdam	Alex. Dks.	Do. see Table III.
22nd	Genoa Maru	Jap'ese	Suez via Liverpool	Do.	All well
24th	Sidney Reid	British	Lisbon	Do.	Do.
24th	Arianda Mendi	Spanish	Santos via Bahia and Antwerp	Do.	Do.
28th	Landaas	Nwgn.	Bombay via Hamburg and Dunkirque	Tredegar Dry Dks.	Do. see Table IIIa.
28th	Vindelia	British	Bombay via Marseilles and Liverpool	Alex. Dks.	All well
28th	City	British	Lisbon	Do.	Do.
30th	Greenwich	British	Port Said via Leith	Do.	Do.
Dec. 20th	Nevada	Danish	Santos via Hull Copenhagen	Do.	Do. see Table IIIa.
23rd	Nordjold	Norwgn.	Alexandria via Sharpness	Do.	All well
29th	Inverness	British	Port Said via Sulina and Antwerp	Do.	Do.



TABLE III.

Vessels visited during stay in Port owing to having non-notifiable sickness on board, the patients being attended by Medical Practitioners engaged by the Master.

Date	Vessel	Nation	Whence	No. of Sick and Remarks
Jan. 6th	Selja	Norweg.	Bilbao	1 A.B. off duty, Gastritis
11th	Baron Minton	British	London	2 1 A.B. injury to leg, 1 Fireman injury to hand.
12th	Ellenoutsdyk	Dutch	Bordeaux	1 Fireman severe Cold.
14th	Thorsdal	Norweg.	Bristol	4 2nd Officer, Bosun, 1 A.B. and 1 Fireman, severe Colds.
20th	Nagara	British	London	1 Fireman, Tonsilitis.
20th	Gloria	Spanish	Bilbao	1, 2nd Officer, Influenza.
23rd	Ulrikka II.	Norweg.	Bayonne	9 Members of crew, Influenza.
23rd	Gunnar	Norweg.	Bordeaux	1 Chf. Eng., Pneumonia, removed R.G. Hospital, 23/1/22.
25th	Deva	Spanish	Aquillas	1 Cook, Blood Poisoning.
27th	August	Swedish	Antwerp	3 Master, Chf. Officer and Cook, Influenza.
30th	Explorer	British	Liverpool	2 Lascar Firemen, off duty, Colds
30th	Baron Inchcape	British	London	2 Lascar Firemen, Feverish Colds
30th	Astondo Mendi	Spanish	Bilbao	1 Fireman, Injury.
31st	Cambraisien	French	Dunkirque	2 A.B.'s, Influenza.
Feb. 1st	Cardiff	British	Bordeaux	1 A.B., Bronchitis.
1st	Poelcappelle	Belgian	Antwerp	3 Master, Cook, and Boy, Influenza, 2 latter admitted R.G. Hospital, 2/2/22.
2nd	Eden Force	British	Grimsby	1 A.B., Influenza.
4th	Joannis Vatis	Greek	Messina	1 Steward, severe Cold.
6th	Woodarra	British	London	1 Master, Influenza.
8th	Raa	Norweg.	Nantes	2 Chf. and 2nd Eng., Influenza.
9th	Clan Mackenzie	British	Hamburg	3 Lascars, 2 A.B.'s, Colds, and 1 Fireman, Injury.
10th	Clan Macgillivray	British	Avonmouth	9 Master, Cold; Chf. Engineer, Rheumatism; 4 Lascar A.B.'s, 2 Firemen, Colds; 1 Fireman Injury.
11th	Onorga	Spanish	Bilbao	2 Firemen, 1 Injury, 1 Dysentery
13th	Mimer	Norweg.	Bilbao	2 Firemen Influenza also Bosun.
13th	Clan Urquhart	British	Cardiff	1 Lascar Fireman, General Debility, R.G. Hosp. 16/2/22.
15th	Griqua	British	London	1 Lascar Fireman, Accident, R.G. Hospital.
23rd	Parana	British	Havre	1 Carpenter, Abscess.
March 1st	Kronstad	Norweg.	Lisbon	1 A.B. off duty, Feverish Cold.
2nd	Solver	Norweg.	Christiania	1 Fireman off duty, Eczema.
7th	Melford Hall	British	Rotterdam	2 Lascar Firemen, 1 Abscess and Syphilis.
18th	Carmen	Norweg.	Rotterdam	1 A.B. off duty, Severe Cold.
27th	Orleans	French	Bordeaux	1 Fireman, off duty, Rheumat'm.

TABLE III.—continued.

Date	Vessel	Nation	Whence	No. of Sick and Remarks
Mar. 30th	Utsire	Norweg.	Antwerp	2, 2nd Officer and 1 A.B. Colds.
31st	Gunnar	Norweg.	Arcachon	1, 1 Fireman, Abscess.
April 7th	Stad Zwolle	Dutch	Rotterdam	1 Donkeyman, Feverish Cold.
10th	Ivarnia	Swedish	Hull	2, 1 Donkeyman and 1 Fireman, former skin eruptions, latter Malaria Fever.
12th	Fredville	British	Bilbao	1, 2nd Officer, Pleurisy.
12th	Knowsley Hall	British	Liverpool	4 Chf. Officer, Tonsillitis; Storekeeper and 2 Lascar Firemen, Colds.
21st	Ricardito	Spanish	Bilbao	1 Fireman, Hernia.
May 3rd	Illingworth	British	London	1 Fireman, Mentally affected, removed to Union Infirmary for observation.
9th	Califonia	Danish	Copenhagen	1 Asst. Steward off duty, Scalds.
18th	Zara	Italian	Cardiff	1 Fireman, off duty, Injury.
June 9th	Sabina	Spanish	Algiers	1 Cook, off duty, Colic.
July 3rd	Wilfred	French	Brest	1 Steward, off duty, Injury.
6th	Clan Macbride	British	Avonmouth	2 Apprentice and Quartermaster, Colds. Off duty.
21st	Pilton	British	Marseilles	1 Fireman, Venereal Disease, admitted Woolston House, 22/7/22.
24th	Melville	British	Middlesbro	2, 1 Fireman, Cold and Constipation; 1 A.B. Accident, removed R.G. Hospital, 25/7/22.
26th	Lucia	Spanish	Port Talbot	1 Fireman, Feverish Cold.
Aug. 1st	Cape Recife	British	Marseilles	2 Lascar Firemen, Venereal Dis., admitted Woolston House, 5/8/22.
6th	Luigi Rizzo	Italian	Geneva	2, 1 A.B. Venereal Disease; 1 Fireman, Injury.
10th	Western Plain	American	Hamburg	2 A.B.'s off duty, Boils.
24th	Nevada	Danish	Elsinore	1 A.B., Syphilis (sent home) 21/8/22.
30th	Liberta	Italian	Leghorn	2 Firemen, 1 Respiratory Disease and 1 Injury.
Sept. 5th	Adrien de Montgoljiev	French	Bilbao	1 Fireman, Pleurisy.
6th	Sekhaven	Dutch	Rotterdam	1 A.B. off duty, Injury.
7th	Taubate	Brazilian	Liverpool	1 A.B. off duty, Syphilis.
11th	Mandu	Brazilian	Hamburg	2 A.B.'s, off duty, Injuries.
13th	Kalomo	British	Leith	2 Apprentice, Tonsillitis; Native Cook, Asthma.
23rd	Gunnar	Norweg.	Bordeaux	3, 1 A.B. Venereal Disease; 2 Firemen, Asthma and Cold respectively.
26th	Clan Mackinlay	British	London	1 Lascar Storekeeper, General Debility.



TABLE III.—continued.

Date	Vessel	Nation	Whence	No. of Sick and Remarks
Sept. 28th	Calulu	British	Middlesbro.	1 A.B., Venereal Disease, outdoor patient R.G. Clinic.
Oct. 2nd	Clan Macinnes	British	Purfleet	1 Lascar A.B., off duty, Injury.
6th	Gibel Derif	British	Belfast	1 Cook, off duty, Rheumatism.
10th	Equator	Latvian	Milford	1 A.B., Orchitis, admitted R.G. Hospital, 10/10/22.
13th	Zora	Jugo Slav.	Naples	1 Fireman, Dysentery.
14th	Gunnar	Norweg.	Bordeaux	2, 1 A.B., Venereal Disease ; 1 Fireman, Asthma.
19th	Hamburg	German	Hamburg	1 o.s., Influenza Cold.
20th	Helena	Dutch	Amsterdam	1 Steward, off duty, Colic.
23rd	Director	British	Antwerp	1 Lascar Quartermaster, off duty Rheumatism.
24th	Sierentz	French	Havre	1 Fireman, off duty, Injury.
Nov. 3rd	Le Landais	French	Bayonne	1 Master, off duty, Hernia.
3rd	Geyser	Norweg.	Antwerp	1 A.B., off duty, Injury.
4th	Sudbury	British	Lisbon	1 Asst. Cook, off duty, Venereal Disease, to attend R.G. Hosp. Clinic.
9th	Clan Macbean	British	London	1 Lascar A.B., Rheumatism, removed Woolston Hospital, 10/11/22.
30th	Greenwich	British	Leith	1 A.B., Injury, removed R.G. Hospital, 29/11/22.
30th	Marie R. Roussos	Greek	Porto Ferrao	1 Fireman, off duty, removed for operation to R.G. Hospital, 30/11/22.
Dec. 1st	Polmina	British	Paulliac	1 Fireman off duty, Colic.
5th	Sonja	Norweg.	Bordeaux	1 Steward, off duty, Gastritis.
6th	Hendrik Lund	Norweg.	Hamburg	1 Cook, off duty, Injury.
7th	Clan Macnair	British	Rotterdam	Lascar Cook and several Firemen off duty, Colic, 7/12/22., all recovered and resumed duties, 9/12/22.
8th	Oria	Norweg.	Cardiff	1st, and 3rd Engineers off duty, Severe Cold.
18th	Wassenaar	Dutch	Bilbao	1 Master, off duty, Tonsilitis.
20th	Roar	Norweg.	Bordeaux	1 C. Officer, Malarial Fever, removed R.G. Hospital.
23rd	Royston Grange	British	Newcastle	3 Chf. Officer, Bronchitis ; Apprentice, Cold, and Wireless Operator, Tonsilitis.

TABLE IIIa.

Shewing cases of non-notifiable sickness occurring during the voyage, and which were reported on arrival.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Jan. 5th	Exmouth	British	Antwerp	1 A.B. Accident, landed Hospital, Saigon.
5th	City of Dunedin	British	Hamburg	1 W. Operator, observation case, landed Hospital, Singapore, 17/11/21.
5th	Cordelia	British	Thameshaven	1 Death, Fireman, Heart Failure, Singapore, 13/11/21.
9th	Clan Kenneth	British	Liverpool	3, 2nd, 3rd and 4th Engineers, Observation cases, landed Hospital, London, 20/11/21.
11th	Bordeaux	French	Bordeaux	15 Members of crew, Malaria Fever, landed Hospital, Marseilles, 28/11/21. Quarters disinfected and cleansed.
13th	Dorrie	British	Bilbao	1 A.B. Accident, landed Hospital, Rosario.
23rd	Glenorag	British	Bremen	1, 2nd Cook, Accident, landed Buenos Aires, 29/10/21.
23rd	Gunnar	Norweg.	Bordeaux	3 Master, Cook and A.B., Influenza, Bordeaux, all of whom recovered, and completed voyage.
23rd	Ulrikka	Norweg.	Bayonne	3 A.B.'s, Influenza, Bayonne, all recovered and completed voy'g
25th	Rinteria	Norweg.	Bilbao	7 Members of crew, Diarrhoea, from Bilbao to Newport; fresh water tanks emptied, cleansed and cement washed before re-filled, no further cases.
Feb. 7th	Clan Mackenzie	British	Hamburg	6 Members of crew, Malaria Fever during voyage, all of whom recovered and completed the voyage.
13th	Clan Urquhart	British	Cardiff	1 Lascar Fireman, General Debility, off duty, on arrival removed to Woolston Infirmary
14th	Breyton	British	Liverpool	2, 1 A.B., Ptomaine Poisoning, landed Hospital, Port Said, 8/11/21; 1 Fireman, Venereal Disease, landed Hospital, Mauritius, 16/12/21.
28th	Sassenheim	British	Bilbao	1 A.B. Accident, landed Hospital, Bilbao, 13/2/22.
March 1st	Penmount	British	Hamburg	2, 1 A.B., 1 Fireman, Malaria Fever, landed Hospital, Lagos, 21/1/22.

TABLE IIIa—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Mar. 7th	Melford Hall	British	Rotterdam	1 Death, Lascar Fireman, effects of Accident, 9/1/22.
21st	City of Brisbane	British	Dunkirque	1 Lascar Fireman, Respiratory Disease, landed Hospital, London, 9/3/22.
27th	Mortlake	British	Southampton	1 A.B., Accident, landed Hospital Alexandria, 30/12/21.
31st	Baron Blantyre	British	Naples	1 Steward, Venereal Disease, landed Hospital, Naples, 16/3/22.
April 3rd	Carisbrooke	British	Ipswich	1 A.B. Observation case, landed Madeira, 2/2/22.
8th	Sweethope	British	Lexioes	1 Fireman, Venereal Disease, landed Hospital Las Palmas, 13/3/22.
24th	Maritime	British	Aberdeen	1, 4th Engineer, Pleurisy, landed Hospital, Karrachi, 2/2/22.
25th	Gambia River	British	Rotterdam	1 A.B. Appendicitis, landed Hospital, Buenos Aires, 9/3/22.
28th	Quebec City	British	London	1, 2nd Officer, Liver complaint, landed Hospital, Bahia Blanca, 3/3/22.
May 3rd	Pencarrow	British	Antwerp	1 Carpenter, Hernia, landed Hospital, Bermuda, 29/12/21.
11th	Pengreep	British	Rotterdam	1 Fireman, Septic Poisoning, landed Hospital Monte Video, 19/3/22.
29th	Kenrhon	British	Hennebont	1 Death, O. Seaman, Drowned whilst bathing, Hennebont, 23/3/22.
June 7th	Abadesa	British	Newcastle	1 W. Operator, Appendicitis, landed Hospital, Teneriffe, 11/5/22.
14th	Lackenby	British	Hornillo	1 Bosun, Accident, landed Hospital, Cette, 24/5/22.
15th	Bolivia	Swedish	Bristol	1 Asst. Steward, Observation case, landed Hospital, Bristol, 9/6/22.
29th	Clan Macbride	British	Avonmouth	1 Cook, Piles, landed Hospital, Buenos Aires, 15/4/22.
July 7th	Sureway	British	Hamburg	1 Chf. Eng. Spinal Complaint, landed Hospital, Hamburg, 16/6/22.
18th	Victorian Transport	British	Antwerp	1 Death, Suicide, Fireman jumped overboard, 4/4/22.

TABLE IIIa—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Aug. 8th	Falls City	British	Algiers	1 Death at sea, Fireman taken ill 23/7/22. After being ashore at Kavak for disinfection purposes 22/7/22, and exposed whilst clothing was being disinfected and died 24/7/22. Master's opinion, cause of death, Pneumonia. 4 men medically attended at Algiers, 1 Dysentery, 3 Venereal Disease, all recovered and resumed duties.
11th	Segura	British	Havre	1 Death, Suicide, Donkeyman, cut his throat, 23/5/21.
11th	Rhin	French	La Rochelle	1 A.B. Rheumatism, off duty on arrival.
21st	Fredville	British	Nantes	1 Fireman, Gastritis, off duty on arrival.
26th	Parktown	British	Marseilles	1 A.B. Accident, landed Hospital, Marseilles, 3/8/22.
Sept. 4th	Polmina	British	Bordeaux	1 Death, Donkeyman, drowned accidentally, Bordeaux, 25/8/22
8th	Irene	American	Lisbon	2 Firemen, Venereal Disease, landed Hospital, Lisbon, 30/8/22.
11th	Mandu	Brazilian	Cardiff	1 A.B. Venereal Disease, landed Hospital, Cardiff.
15th	Ariadne Irene	British	Cardiff	1 A.B. Accident, landed Hospital, Montreal, 28/8/22.
26th	Clan Mackinlay	British	London	1 Lascar Fireman, mentally affected, landed Hospital, Hull,
29th	Bossum	Dutch	Rotterdam	1 Bosun, Rheumatism, landed Hospital, Baltimore, 28/8/22.
Oct. 2nd	Clydeburn	British	Havre	1 A.B. Accident, landed Hospital, Havre, 29/9/22.
Oct. 3rd	Johanna	Dutch	Liverpool	2 A.B. and Fireman, Malaria Fever, landed Hospital, Liverpool, 27/9/22; quarters disinfected and cleansed.
3rd	Reading	British	Liverpool	1 Apprentice, Malaria Fever, landed Hospital, Liverpool, 19/8/22.
4th	Sabor	British	London	1 Greaser, Mentally affected, Observation case, landed Hospital, Rio de Janeiro.
6th	Clan Macphee	British	Antwerp	1 Cook, Burns, landed Hospital, Colombo.

TABLE IIIa—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Oct. 20th	Grelgrant	British	Rotterdam	3 1 Fireman, Observation case, landed Hospital, Montreal, 16/9/22 ; 1 Death, Cook's Boy, Drowned accidentally, Montreal, 16/9/22 ; 1 Apprentice, Accident, fell down hold, sent home to Cardiff, 10/10/22.
Nov. 2nd	Maindy Grange	British	Liverpool	1 Death, A.B., at sea, Heart Failure, 5/9/22.
3rd	Surrey	British	Avonmouth	1 o.s., Venereal Disease, attended Clinic, Avonmouth.
28th	Landaas	Norweg.	Dunkirque	3 Carpenter, Operation ; 1 Fireman, Appendicitis ; 1 Fireman, Operation, landed Hospital, Bombay, 31/9/22.
28th	Snefjeld	Norweg.	Bordeaux	12 Members of crew, Malaria Fever, 10 of whom landed Hospital, Las Palmas, 1/11/22 ; 1 Bordeaux, 18/11/22. Master left for home 3/12/22, Ship and quarters fumigated at Bordeaux.
Dec. 1st	Polmina	British	Paullia	1 Fireman, off duty, Cold, recovered.
2nd	Alaveno	British	Liverpool	2, 1 A.B. Hernia, landed Hospital, New York, 7/11/22. 1 A.B. Accident, landed Hospital, Galveston, 10/11/22.
4th	Frey	Norweg.	Avonmouth	14 cases Malaria Fever amongst members of crew on voyage from Rufisque via Avonmouth and Newport. Donkeyman and Fireman landed Hospital, Vigo, 15/11/22. Carpenter, Cook, A.B. and Fireman, Asst. Steward, landed Hospital, Avonmouth, 24/11/22. Master sent home to Norway, 27/11/22. Quarters and effects disinfected. A.B. admitted R.G. Hospital on 2/12/22 and Chf. Officer on 8/12/22.
5th	Sonja	Norweg.	Bordeaux	1 Steward, Gastritis, medical treatment, Bordeaux and completed voyage.
6th	Flaxmere	British	Antwerp	1, 3rd Engineer, Gastritis, medical treatment, Antwerp and completed voyage.
12th	Alnmoor	British	Hamburg	1 Fireman, Accident, landed Hospital, Boston, 6/10/22.



TABLE IIIa—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken
19th	Kayeson	British	Londonderry	1 Death, A.B. at sea, 2/10/22, effect of war service ; 2nd Eng. Septic Poisoning, landed Hospital, Las Palmas, 22/11/22
19th	Toronto	French	Bordeaux	1 A.B. Accident at sea, off duty on arrival.
20th	Roar	Norweg.	Bordeaux	2 Firemen, Malaria Fever, landed Hospital, Bordeaux, 9/12/22. Quarters disinfected.
20th	Nevada	Danish	Copenhagen	2 W. Operator, Observation case, landed Hospital, Buenos Aires, 22/10/22. 3rd Engineer, Accident, landed Buenos Aires, 22/10/22.
22nd	Mahanada	British	Glasgow	1 Lascar A.B., Bronchial Pneumonia, landed Hospital, Glasgow, 19/12/22.
28th	City	British	Lisbon	1 Death, A.B. Accident at sea.



TABLE IV.

List of Vessels which had cases of Infectious Diseases on board during voyage, or after arrival in Newport.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
April 24th	Odysseus	Greek	Rosario via St. Vincent, C.V. and Avonmouth	1 Fireman, Typhoid Fever, landed Hospital, St. Vincent, C.V., 17/3/22, bed destroyed, quarters and effects disinfected. Freshwater tanks cleansed and cement washed.
May 25th	Jan	Norweg.	Norway via Manchester	1 A.B. Measles, landed Hospital, Manchester, 16/5/22, quarters and effects disinfected.
June 29th	Clan Macbride	British	Buenos Aires via Avonmouth	1 Death, Phthisis, Lascar Fireman died on arrival Buenos Aires, 30/4/22. Quarters and effects disinfected.
Aug. 23rd	Media	British	Calcutta via Lisbon and Hamburg	1 Native Storekeeper, Chicken Pox, removed to Port Sanitary Hospital, Cefn, quarters disinfected and cleansed.
Sept. 4th	Alnwood	British	Bahia Blanca via Hamburg	1, 2nd Engineer, Phthisis, landed Hospital, Las Palmas, 1/8/22. Quarters and effects disinfected
Oct. 3rd	Reading	British	Java via Liverpool	1, Ivy C. Knight, infant daughter of Chf. Officer. Scarlet Fever, removed to Allt-yr-yn Hospital 3/10/22. Quarters and effects disinfected.

## INSPECTOR'S REPORT.

PORT SANITARY OFFICE,

TOWN HALL, NEWPORT.

*March, 1923.*

TO THE CHAIRMAN AND MEMBERS OF THE PORT SANITARY COMMITTEE.

GENTLEMEN,

I beg to submit to you my Annual Report for the year 1922, on the following subjects :—

I.—The Inspection of Vessels.

II.—The Administration of the Board of Agriculture “ Landing of Dogs Order.”

III.—Foreign Animals Order.

IV.—Public Health (Foreign Meat and Unsound Food) Regulations.

V.—Vessels from Cholera, Plague, and Yellow Fever infected areas.

### INSPECTION OF VESSELS.

The duties were carried out under the provisions of the Public Health Act, 1875, which enacts that a ship when in the district of a Local Authority, shall be dealt with as a house within the district (Section 110). The requirements attended to included cleanliness, light and ventilation of living spaces. The provision of clean and suitable vessels for water supply. The provision of clean and suitable storerooms and lockers for provisions, repairs of dilapidations, effluvia from chain lockers, peaks, holds, limbers, bilges, and water closets, and the cleansing and removal of refuse.

Amongst the structural defects found were the following :—

(1) Insufficient provision for lighting and ventilation of crew's quarters.

The system of lighting is very inadequate and is rendered more so by placing the bunks two deep against the ships' sides, and thus largely obstructing the lighting of the forecastles. The dark coloured paints frequently used also absorb much of the remaining light and tend to darken the already dismal surroundings of these quarters.

(2) Insufficient or no table or seating accommodation in crews' quarters.

(3) Defective and badly constructed "wood cable casings" passing through living spaces, in place of "gas tight pipes."

(4) Hatches in floors of men's quarters leading to stores, peaks and chain lockers, by reason of which ships gear, stores, etc., have to be taken through the men's quarters.

(5) Dampness caused by condensation of moisture on bare iron surfaces, from leakage through decks, side ports, and hawse pipes or draining from cable lockers on to forecastle floors.

(6) Water closet accommodation adjoining quarters with doors opening against or directly in front of entrance to living spaces, or in enclosed alley-ways, which latter are often but imperfectly ventilated, and inadequate provision made for supply of water for flushing and cleansing w.c's.

(7) Filthy iron troughs ranging from 3 to 9 feet in length with outlet direct through vessels side, having no arrangement such as storm valves to prevent backwash of contents, thus fouling the unfortunate users in rough weather.

In some instances these troughs have seating accommodation for three and four men, without the least pretence of privacy ; in other cases the troughs have no seats, only just a strip of wood quartering running full length on front rim. The arrangements for cleansing and flushing are totally inadequate in many instances.

During the year 2,610 vessels were inspected, of these 1,678 were British, and 932 were Foreign. 318 vessels were found to have sanitary defects on board. 497 re-visits were made to see that notices had been complied with ; visits were also made to vessels having cases of sickness on board, and to vessels arriving from infected areas.

## Number of Vessels inspected, Foreign and Coastwise:—

Foreign :—			No. Inspected	No. Defective	No. Notices
Steamships	...	...	1440	246	246
Sailing Vessels	...	...	8	1	1
Coastwise :—					
Steamships	...	...	1008	69	69
Sailing Vessels	...	...	154	2	2
Total			2610	318	318

## Nationality and the number of Vessels inspected :—

Nationality			Steamships	Sail	Sanitary Defects Steamships	Sail
American	...	...	15	—	4	—
British	...	...	1524	154	194	2
Belgian	...	...	34	—	2	—
Brazilian	...	...	6	—	—	—
Chinese	...	...	1	—	—	—
Danish	...	...	39	1	—	—
Danzic	...	...	2	—	—	—
French	...	...	259	6	31	—
Greek	...	...	39	—	11	—
German	...	...	19	—	4	—
Dutch	...	...	55	—	4	—
Hungarian	...	...	1	—	1	—
Italian	...	...	66	—	10	—
Japanese	...	...	4	—	—	—
Jugo Slav.	...	...	12	—	2	—
Latvian	...	...	1	—	—	—
Norwegian	...	...	206	—	16	—
Portuguese	...	...	6	—	1	—
Polish	...	...	1	—	—	—
Peruvian	...	...	3	—	2	—
Roumanian	...	...	2	—	—	—
Swedish	...	...	35	—	4	—
Spanish	...	...	117	—	29	—
Uruguayan	...	...	1	1	—	1
			2448	162	315	3

The following were the nuisances and defects dealt with :—

- 207 vessels with dirty forecastles and berths.
- 86 vessels with defective lights.
- 19 vessels with defective ventilators.
- 55 vessels with defective stoves and heating apparatus.
- 17 vessels with defective cable casings, or pipes, passing through or adjoining living spaces.
- 9 vessels with defective Hawse pipes passing through living spaces.
- 3 vessels with defective scupper pipes, passing through water closets from living spaces.
- 30 vessels with defective and leaky decks.
- 3 vessels with defective wood lining over bunks.
- 14 vessels with defective food lockers.
- 8 vessels with defective bulkheads between living spaces and water closets, lockers, and stores.
- 8 vessels with defective or dirty fresh water receptacles, or impure water supply.
- 4 vessels with fresh provisions or stores in living spaces.
- 2 vessels with insufficient or no table or seating accommodation.
- 2 vessels with dirty provision stores.
- 14 vessels with stagnant water on floors in living spaces.
- 3 vessels with water closets utilised as “ bosun ” stores, paint, oil, or lamp lockers.
- 4 vessels with damaged or heated grain in limbers, or holds.
- 24 vessels with defective water closet pans, outgo pipes, or water service.
- 84 vessels with foul water closets.
- 35 vessels with accumulation of refuse on deck.
- 6 vessels were fumigated on account of their verminous condition.
- 1276 dirty or verminous beds were destroyed.

### QUAYSIDE NUISANCES.

Nuisance caused by discharge of water closet contents on to quayside from vessels berthed to quayside.

During the year, 52 orders were issued to Officers in charge of vessels to abate nuisances of this nature, and to use only those waterclosets on off side from quay.

## IMPORTATION OF DOGS ORDER, 1901.

The number of vessels from Foreign Ports direct, or via Coastwise from Foreign, having dogs on board were :—

No. of Vessels, 218.

No. of Dogs, 312.

## FOREIGN ANIMALS ORDER, 1910.

12 Vessels arriving from Foreign, or Home Ports having Animals on board, were visited.

Animals on board :—

Pigs, 7.

Sheep, 22.

Oxen, 6.

Goats, 2.

## INSPECTION OF IMPORTED FOOD.

## PUBLIC HEALTH (UNSOUND FOOD) REGULATIONS.

111 tins of condensed milk surrendered as unfit for human consumption.

I am, Gentlemen,

Your obedient Servant,

W. J. JENKINS,

*Port Sanitary Inspector.*









